

What is claimed is:

1. A water fountain diverter device, connectable to the outlet of a faucet, for selectively directing water from a downward direction towards a sink to an upward direction for direct drinking by a user; said device comprising:

- a diverter body connectable to the faucet to be supported therefrom;
- a diverter body inlet disposed for receiving water from the faucet;
- a first outlet through which water can flow undiverted into the sink;
- a first fluid channel within said diverter body for directing water to said first outlet;

- a water fountain spout supported on said device, said spout having a second outlet configured to provide a stream of water in an upward direction suitable for direct drinking by the user;

- a second fluid channel for directing water to said water fountain spout; and
- a diverter valve having a valve chamber in fluid communication with said body inlet and said first and second fluid channels, and having a valve member hand operable between a first position whereby the water flows undiverted to said first outlet, and a second position whereby the water flows to said water fountain spout, said valve member being biased towards said first position and having a face area against which the water pressure of said water flowing through said device acts on to hold said valve member in said second position once said valve is manually moved to said second position, said valve returning to said first position when said water to said device is stopped.

2. The water fountain diverter device of claim 1 wherein said diverter body inlet comprises an inlet channel in fluid communication with said valve chamber.

3. The water fountain diverter device of claim 1 wherein said valve member is configured to be moveable within said valve chamber so as to allow water to pass through said valve chamber from said inlet to said first fluid channel when said valve member is in said first position while at the same time blocking water flow to said

second fluid channel, and to allow water to pass through said valve chamber from said inlet to said second fluid channel when said valve member is in said second position while at the same time blocking water flow to said first fluid channel.

4. The water fountain diverter device of claim 1 further comprising a fluid restrictor for restricting the flow of water to said spout.

5. The water fountain diverter device of claim 3 further comprising a fluid restrictor for restricting the flow of water to said second outlet of said spout.

6. The water fountain diverter device of claim 4 wherein said restrictor comprises an orifice opening positioned to restrict the flow of water between said valve and said second opening of said spout.

7. The water fountain diverter device of claim 6 wherein said orifice opening is positioned at an inlet to said second fluid channel.

8. The water fountain diverter device of claim 4 wherein said restrictor is adjustable to adjustably control the flow of water.

9. The water fountain diverter device of claim 8 wherein said restrictor comprises a restrictor member moveable relative to an inlet to said second fluid conduit from a position blocking water flow through said second fluid conduit inlet to a position allowing full water flow through said second fluid conduit inlet.

10. The water fountain diverter device of claim 9 wherein said restrictor member comprises an elongated screw member extending through said second fluid conduit, said screw member being rotatable to adjust the amount of restriction.

11. The water fountain diverter device of claim 4 wherein:  
said spout comprises an outer sleeve and an inner sleeve;

said inner sleeve having an opening which is moveable by moving said inner sleeve to control the amount of restriction of the flow of water to the spout.

12. The water fountain diverter device of claim 11 wherein said sleeve opening is positioned on a side wall of said inner sleeve to cooperate with an outlet of said second fluid conduit to control the flow of water to the spout.

13. The water fountain diverter device of claim 11 wherein said sleeve opening is positioned on a bottom of said inner sleeve, said spout further comprising a seat member configured to close said sleeve opening, the flow of water to the spout being controlled by moving said inner sleeve with respect to said seat member.

14. The water fountain diverter device of claim 1 wherein said water fountain spout comprises an inlet in fluid communication with said second fluid channel, and an outlet through which the water flows out of said device, said spout being mounted on a side of said diverter body.

15. The water fountain diverter device of claim 1 wherein said second fluid channel comprises a fluid conduit external to the diverter body and the spout.

16. The water fountain diverter device of claim 11, wherein said inner sleeve includes an opening in a side of said inner sleeve and said second fluid conduit includes an outlet adjacent said inner sleeve, said opening of said inner sleeve being rotatable relative to said second fluid conduit outlet so as to control the size of said outlet through which water can flow, thereby controlling the amount of water that can flow there through to said spout.

17. The water fountain diverter device of claim 11, wherein said inner sleeve includes an opening in a bottom of said inner sleeve, said inner sleeve opening cooperating with a seat member within said spout capable of closing said inner

sleeve opening to control the amount of water that can flow into said opening.

18. The water fountain diverter device of claim 1, further comprising a flow restrictor disposed in said inlet.

19. The water fountain diverter device of claim 1 further comprising an aerator at said first outlet.

20. A water fountain diverter device, connectable to the outlet of a faucet, for selectively directing water from a downward direction to an upward direction for direct drinking by a user; said device comprising:

- a diverter body connectable to the faucet to be supported therefrom;
- a diverter body inlet disposed for receiving water from the faucet;
- a first outlet through which water can flow undiverted;
- a first fluid channel within said diverter body for directing water to said first outlet;

- a water fountain spout supported on said device, said spout having a second outlet configured to provide a stream of water in an upward direction suitable for direct drinking by the user;

- a second fluid channel for directing water to said water fountain spout; and
- a diverter valve having a valve chamber in fluid communication with said body inlet and said first and second fluid channels, and having a valve member hand operable between a first position whereby the water flows undiverted to said first outlet, and a second position whereby the water flows to said water fountain spout, said valve member being biased towards said first position and having a face against which the water pressure of said water flowing through said device acts on to hold said valve member in said second position once said valve is manually moved to said second position.

21. The device of claim 21 further comprising a restrictor for lowering the water pressure of the water received from the faucet.

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22. The device of claim 1 wherein said diverter body comprises a swivel connector piece which permits the desired positioning of the device.

23. The device of claim 14 wherein said spout is mounted to be adjustably swivable relative to said diverter body.